

MULTIPLE HEAD INDUCTION SEALER APPARATUS AND METHOD

ABSTRACT OF THE DISCLOSURE

5 A multiple head induction sealing system includes at least two ferrite cores mounted which are channel-shaped and arranged so that the open ends of the channels are aligned either perpendicular or parallel to a workflow direction established as the objects to be heated pass beneath the unit. A litz wire coil is disposed proximate to each ferrite core which produces an electromagnetic field within the ferrite core. The ferrite cores and litz wire coil are adapted to direct the electromagnetic field toward an object to heat it.